

## EAST Search History

| Ref # | Hits | Search Query                                     | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 4596 | 235/492.ccls.                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/01<br>15:58 |
| L2    | 70   | 1 and selector with data                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/01<br>16:08 |
| L3    | 47   | 1 and (table near4<br>contents)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/01<br>16:08 |
| L4    | 14   | 1 and selector.ab.                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/01<br>16:10 |
| L5    | 4    | 1 and content with selector                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/01<br>16:11 |
| L6    | 70   | 1 and data with selector                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/01<br>16:11 |
| L7    | 29   | 1 and content and selector<br>and (disk or disc) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/01<br>16:11 |
| L8    | 113  | 1 and pointer with data                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/01<br>16:12 |

|     |      |  |   |    |    |                     |
|-----|------|--|---|----|----|---------------------|
| L9  | 9    | 1 and pointer.ab.                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/01<br>16:12 |
| L10 | 4    | 1 and pointer with data<br>with specific | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/01<br>16:13 |
| L11 | 12   | 1 and (update with<br>pointer)           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/01<br>16:13 |
| S1  | 4366 | (abe and takashi).in.                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>09:55 |
| S2  | 15   | S1 and (table near4<br>contents)         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>09:56 |
| S3  | 1267 | (takashi near3 abe).in.                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>09:56 |
| S4  | 15   | S2 and (table near4<br>contents)         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>09:56 |
| S5  | 1281 | (abe near takashi)                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>09:57 |
| S6  | 1266 | (abe near takashi).in.                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>09:57 |

|     |       |   |   |    |    |                     |
|-----|-------|---|---|----|----|---------------------|
| S7  | 1     | S6 and (table near4 contents)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>09:57 |
| S8  | 235   | "100156"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>09:58 |
| S9  | 0     | S8 and takashi  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>09:58 |
| S10 | 4     | JP-2002100156-\$.DID. OR<br>JP-2002237171-\$.DID.                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>10:04 |
| S11 | 0     | (T03 near W04)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>10:06 |
| S12 | 22505 | (table near3 contents) and<br>(data).ab.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>10:08 |
| S13 | 210   | (table near2 contents).ab.<br>and (storage.ti.)                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>10:12 |
| S14 | 39    | (table near2 contents).ab.<br>and (storage.ti.)                                 | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/25<br>10:13 |
| S15 | 12    | ("5384674"   "5737639"  <br>"6269338"   "6289306").<br>PN. OR ("6370090").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/25<br>10:23 |
| S16 | 51    | S14 or S15  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/25<br>10:33 |
| S17 | 6     | S16 and (user near<br>(identify or identifies or<br>identification))            | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/25<br>10:33 |

|     |      |  |   |    |    |                     |
|-----|------|--|---|----|----|---------------------|
| S18 | 12   | ("5384674"   "5737639"   "6269338"   "6289306").PN. OR ("6370090").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/25<br>10:50 |
| S19 | 10   | S18 and user   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/25<br>10:50 |
| S20 | 32   | (user near identifier) and "369". clas   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/25<br>10:51 |
| S21 | 21   | ("5014234"   "5052040"   "5239648"   "5289540"   "5295266"   "5467447"   "5629980"   "5634012"   "5638443"   "5699427"   "5715403"   "5787175"   "5787441"   "5835601"   "5861619"   "5987123"   "5991876"   "6011847"   "6073123").PN. OR ("6738906").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/25<br>11:03 |
| S22 | 281  | (table near2 contents same ((user near (identification or ID)) or UID)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>14:53 |
| S23 | 1476 | access same ((user near identification) or UID) same (related or condition \$2)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>14:57 |
| S24 | 237  | access with((user near identification) or UID) with (related or condition\$2)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>14:58 |
| S25 | 0    | S24 and (retrieval.ti.)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>14:58 |
| S26 | 2    | S24 and storage.ti.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>14:59 |
| S27 | 0    | S22 and retrieval. ti.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/25<br>14:59 |

|     |     |   |   |      |    |                     |
|-----|-----|---|---|------|----|---------------------|
| S28 | 0   | S24 and (retrieval.ti.)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/06/25<br>14:59 |
| S29 | 0   | S22 and retrieval.ti.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/06/25<br>14:59 |
| S30 | 207 | ((user near identification)<br>or UID) with correspond<br>with data   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/06/25<br>15:01 |
| S31 | 6   | S30 and (storage or<br>retrieval).ti.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/06/25<br>15:01 |
| S32 | 52  | ("4259720"   "4281215"  <br>"4302810"   "4453074"  <br>"4471216").PN. OR<br>("4679236").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2008/06/25<br>15:57 |
| S33 | 366 | ("4529870"   "4658093"  <br>"4924378"   "4932054"  <br>"4937863"   "4953209"  <br>"4961142"   "4977594"  <br>"5010571"   "5014234"  <br>"5023907"   "5047928"  <br>"5050213"   "5058164"  <br>"5103476"   "5113519"  <br>"5146499"   "5159182"  <br>"5191193"   "5204897"  <br>"5247575"   "5291596"  <br>"5339091"   "5532920").<br>PN. OR ("5634012").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2008/06/26<br>11:10 |
| S34 | 108 | S33 and ((user near (ID or<br>identification)) or UID)  | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2008/06/26<br>11:12 |
| S35 | 0   | (table of contents) same<br>UID or (user<br>(identification or ID)))  | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:16 |
| S36 | 114 | ((table of contents) or<br>(TOC)) same (UID or (user<br>(identification or ID)))  | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:17 |
| S37 | 45  | ((table of contents) or<br>(TOC)) with (UID or (user<br>(identification or ID)))  | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:20 |

|     |        |   |   |      |    |                     |
|-----|--------|---|---|------|----|---------------------|
| S38 | 101954 | ((UID or (user (identification or ID)))   | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:21 |
| S39 | 15768  | ((UID or (user (identification or ID))) with data   | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:21 |
| S40 | 487    | ((UID or (user (identification or ID))) with (associate or relate) with (data or content) | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:22 |
| S41 | 91     | S40 and (storage or record \$3 or reproduc\$3).ab.  | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:23 |
| S42 | 3      | ((UID or (user (identification or ID))) with update with (pointer or selector))           | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:26 |
| S43 | 8808   | update with (pointer or selector)   | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:35 |
| S44 | 2685   | update with (pointer or selector) with data   | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:35 |
| S45 | 3      | (update with (pointer or selector) with data) same (UID or (user (identification or ID))) | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>11:35 |
| S46 | 0      | ((11/021980).APP.   | USPAT; USOCR  | OR   | ON | 2008/06/26<br>11:39 |
| S47 | 0      | ((2006/0101092").URFN.  | USPAT   | OR   | ON | 2008/06/26<br>12:00 |
| S48 | 1      | ((ishida and Uemura and Hashimoto)  | USPAT   | OR   | ON | 2008/06/26<br>12:02 |
| S49 | 0      | ((ishida and Uemura and Hashimoto).in.  | USPAT   | OR   | ON | 2008/06/26<br>12:02 |
| S50 | 0      | ((ishida and hashimoto and uemura).in.  | USPAT   | OR   | ON | 2008/06/26<br>12:02 |
| S51 | 4541   | ishida.in.  | USPAT   | OR   | ON | 2008/06/26<br>12:02 |
| S52 | 0      | ((manabu near ishida).in.   | USPAT   | OR   | ON | 2008/06/26<br>12:02 |
| S53 | 291    | ((pointer or selector) with data) same (UID or (user (identification or ID)))             | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>14:27 |
| S54 | 8      | S53 and update ab.  | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>14:27 |
| S55 | 0      | S53 and update ti.  | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/06/26<br>14:27 |
| S56 | 81     | (update and version and track\$3) ab.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/06/26<br>14:38 |

|     |     |   |   |      |    |                     |
|-----|-----|---|---|------|----|---------------------|
| S57 | 305 | ((pointer or selector) with data) same (UID or (user (identification or ID)))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/06/26<br>14:39 |
| S58 | 0   | S57 and update ti.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/06/26<br>14:40 |
| S59 | 10  | S57 and update.ab.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/06/26<br>14:40 |
| S60 | 0   | (track near update).ab.<br>and (UID or (user<br>(identification or ID))).ab.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/06/26<br>14:41 |
| S61 | 13  | (track\$3 and update).ab.<br>and (UID or (user<br>(identification or ID))).ab.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/06/26<br>14:41 |
| S62 | 2   | "6098079".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/06/26<br>14:43 |
| S63 | 23  | ("3668647"   "5333315"  <br>"5754844"   "5778068"  <br>"5778393").PN. OR<br>("6098079").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2008/06/26<br>14:54 |
| S64 | 1   | "5623659".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2008/06/26<br>15:00 |
| S65 | 36  | ("4503499"   "4853843"  <br>"5175851"   "5285528"  <br>"5305448"   "5333319"  <br>"5339427"   "5388268"  <br>"5414839"   "5418966"  <br>"5440746"   "5459871").<br>PN. OR ("5623659").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2008/06/26<br>15:07 |

|     |      |  |   |    |    |                     |
|-----|------|--|---|----|----|---------------------|
| S66 | 1039 | (track with update with user)                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/26<br>15:40 |
| S67 | 54   | (track with update with user).ab.                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/26<br>15:40 |
| S68 | 4124 | 235/492.ccls.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/30<br>16:48 |
| S69 | 0    | 369/001.ccls.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/30<br>16:48 |
| S70 | 238  | 369/1.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/30<br>16:48 |
| S71 | 232  | 369/30.04.ccls.                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/30<br>16:48 |
| S72 | 411  | (associate same user same content same update)     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>11:29 |
| S73 | 11   | (associate same user same content same update).ab. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>11:29 |
| S74 | 4428 | (associate with user with (file or content))       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>11:32 |



|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| S75 | 228 | (identifier with associate with user with (file or content))               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>11:32 |
| S76 | 13  | (identifier with associate with user with (file or content)).ab.           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>11:32 |
| S77 | 13  | (identifier with associate with user with (file or content)).ab.           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>12:58 |
| S78 | 2   | "20010042048".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>13:08 |
| S79 | 18  | (user same identifier same table same contents same update same associate) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>13:18 |
| S80 | 77  | (user with identifier same table same contents same update)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>13:20 |
| S81 | 44  | (user near3 identifier same table same contents same update)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>13:20 |
| S82 | 184 | (selector or pointer) with (user near identifier)                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>13:23 |
| S83 | 1   | (selector or pointer) with (user near identifier) with update              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>13:23 |

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| S84 | 2   | "20060245307"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>13:23 |
| S85 | 11  | (selector or pointer) same<br>(user near identifier) same<br>update                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/29<br>13:28 |
| S86 | 184 | (selector or pointer) with<br>(user near identifier)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>10:20 |
| S87 | 1   | (selector or pointer) with<br>(user near identifier) with<br>update                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>10:20 |
| S88 | 11  | ((selector or pointer) with<br>(user near identifier)).ab.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>10:20 |
| S89 | 172 | (selector or pointer) with<br>(user near identifier)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/30<br>10:22 |
| S90 | 6   | (selector or pointer) with<br>(user near identifier) with<br>(update or change or<br>replace)       | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/30<br>10:23 |
| S91 | 8   | (selector or pointer) with<br>(user near identifier) with<br>(updat\$3 or chang\$3 or<br>replac\$3) | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/30<br>10:23 |
| S92 | 3   | (selector) with (user near<br>identifier) with (updat\$3 or<br>chang\$3 or replac\$3)               | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/30<br>10:29 |
| S93 | 12  | (selector) same (user near<br>identifier) same (updat\$3<br>or chang\$3 or replac\$3)               | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/30<br>10:30 |
| S94 | 503 | (content near selector)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>10:49 |

|      |      |   |   |    |    |                     |
|------|------|---|---|----|----|---------------------|
| S95  | 2    | (content near selector)<br>with (user near identifier)                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>10:49 |
| S96  | 0    | update near (content near<br>selector)                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>10:50 |
| S97  | 2    | update near5 (content<br>near selector)                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>10:50 |
| S98  | 0    | updat\$3 near (content<br>near selector)                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>10:55 |
| S99  | 14   | updat\$3 with (content<br>near selector)                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>10:55 |
| S100 | 2221 | (identifier) with (selector)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:02 |
| S101 | 81   | (identifier) with (selector)<br>with (updat\$3 or chang\$3)                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:02 |
| S102 | 7    | (identifier) with (selector)<br>with (updat\$3 or chang\$3)<br>with content | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:03 |
| S103 | 114  | "55069"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:10 |

|      |        |  |   |    |    |                     |
|------|--------|--|---|----|----|---------------------|
| S104 | 0      | "55069" near jp                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:10 |
| S105 | 7      | "55069" near4 jp                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:10 |
| S106 | 0      | (sd with memory with<br>increas\$3 with track) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:16 |
| S107 | 3      | rafferty near kelly                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:18 |
| S108 | 50     | "055069"                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:33 |
| S109 | 37     | "055069".pran.                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:33 |
| S110 | 24     | "055069".pran. and jp.<br>prco.                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:34 |
| S111 | 2      | "09055069"                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:35 |
| S112 | 235101 | saito.in.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:36 |

|      |        |   |   |    |    |                     |
|------|--------|---|---|----|----|---------------------|
| S113 | 853    | (saito near toru).in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:36 |
| S114 | 149675 | smith.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:36 |
| S115 | 853    | (saito adj toru).in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:37 |
| S116 | 1      | S115 and atrac  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/30<br>11:37 |
| S117 | 52     | ("4259720"   "4281215"  <br>"4302810"   "4453074"  <br>"4471216").PN. OR<br>("4679236").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/31<br>14:13 |
| S118 | 388    | ("4529870"   "4658093"  <br>"4924378"   "4932054"  <br>"4937863"   "4953209"  <br>"4961142"   "4977594"  <br>"5010571"   "5014234"  <br>"5023907"   "5047928"  <br>"5050213"   "5058164"  <br>"5103476"   "5113519"  <br>"5146499"   "5159182"  <br>"5191193"   "5204897"  <br>"5247575"   "5291596"  <br>"5339091"   "5532920").<br>PN. OR ("5634012").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/12/31<br>14:13 |
| S119 | 4348   | 235/492.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/02<br>09:33 |
| S120 | 170    | S119 and selector   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/02<br>09:34 |

|      |     |                                     |   |    |    |                     |
|------|-----|-------------------------------------|---|----|----|---------------------|
| S121 | 95  | S120 and content                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/02<br>09:34 |
| S122 | 1   | S119 and (content near<br>selector) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/02<br>09:34 |
| S123 | 2   | S119 and (selector with<br>update)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/02<br>09:34 |
| S124 | 13  | S119 and selector.ab.               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/02<br>09:34 |
| S125 | 174 | S119 and directory                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/02<br>09:34 |

7/1/2009 4:14:48 PM

C:\Documents and Settings\rkelly1\My Documents\EAST\Workspaces\10559939.wsp